

SUBJECT INDEX Volume 62

Ambystoma

Wirtanen L., Huard V., Séguin C.
Molecular cloning from neurulating *Ambystoma mexicanum* embryos of the cDNA encoding an orphan nuclear receptor (aDOR1) closely related to TR2-11, 62:159–170

Amphibia

Fraser S.D., Browder L.W.
Stimulation of translation and cytoplasmic polyadenylation by the *Xenopus c-myc* 3'-untranslated region, 62:51–62
Wirtanen L., Huard V., Séguin C.
Molecular cloning from neurulating *Ambystoma mexicanum* embryos of the cDNA encoding an orphan nuclear receptor (aDOR1) closely related to TR2-11, 62:159–170

Basement membrane

Li C., Gudas L.J.
Sequences 5' of the basement membrane laminin β 1 chain gene (*LAMB1*) direct the expression of β -galactosidase during development of the mouse testis and ovary, 62:129–137

B-lymphocyte

Kataoka H., Tahara H., Watanabe T., Sugawara M., Ide T., Goto M., Furuichi Y., Sugimoto M.
Immortalization of immunologically committed Epstein-Barr virus-transformed human B-lymphoblastoid cell lines accompanied by a strong telomerase activity, 62:203–211

Brain

Wakeman J.A., Heath P.R., Pearson R.C., Andrews P.W.
MAL mRNA is induced during the differentiation of human embryonal carcinoma cells into neurons and is also localised within specific regions of the human brain, 62:97–105

Cadherins

King I.A., Angst B.D., Hunt D.M., Kruger M., Arnemann J., Buxton R.S.
Hierarchical expression of desmosomal cadherins during stratified epithelial morphogenesis in the mouse, 62:83–96

cAMP dependent protein kinase

Anjard C., van Bemmelen M., Véron M., Reymond C.D.
A new spore differentiation factor (SDF) secreted by *Dictyostelium* cells is phosphorylated by the cAMP dependent protein kinase, 62:43–49

Cell adhesion

Nakagawa K., Sogo S., Hioko K., Tokunaga R., Taketani S.
Acquisition of cell adhesion and induction of focal adhesion kinase of human colon cancer Colo 201 cells by retinoic acid-induced differentiation, 62:249–257

Cell differentiation

Anjard C., van Bemmelen M., Véron M., Reymond C.D.
A new spore differentiation factor (SDF) secreted by *Dictyostelium* cells is phosphorylated by the cAMP dependent protein kinase, 62:43–49

Nakagawa K., Sogo S., Hioko K., Tokunaga R., Taketani S.
Acquisition of cell adhesion and induction of focal adhesion kinase of human colon cancer Colo 201 cells by retinoic acid-induced differentiation, 62:249–257

c-erbA

Essner J.J., Breuer J.J., Essner R.D., Fahrenkrug S.C., Hackett P.B.Jr.
The zebrafish thyroid hormone receptor α 1 is expressed during early embryogenesis and can function in transcriptional repression, 62:107–117

Chicken

Kunita R., Nakabayashi O., Kikuchi T., Mizuno S.
Predominant expression of a Z-chromosome-linked immunoglobulin superfamily gene, *ZOV3*, in steroidogenic cells of ovarian follicles and in embryonic gonads of chickens, 62:63–70

Chimeras

Saburi S., Azuma S., Sato E., Toyoda Y., Tachi C.
Developmental fate of single embryonic stem cells microinjected into 8-cell-stage mouse embryos, 62:1–11

Chordoma

Götz W., Kasper M., Miosge N., Hughes R.C.
Detection and distribution of the carbohydrate binding protein galectin-3 in human notochord, intervertebral disc and chordoma, 62:149–157

Collecting duct

Steiner P., Strehl R., Kloth S., Tauc M., Minuth W.W.
In vitro development and preservation of specific features of collecting duct epithelial cells from embryonic rabbit kidney are regulated by the electrolyte environment, 62:193–202

Colon cancer cells

Nakagawa K., Sogo S., Hioko K., Tokunaga R., Taketani S.
Acquisition of cell adhesion and induction of focal adhesion kinase of human colon cancer Colo 201 cells by retinoic acid-induced differentiation, 62:249–257

Desmocollin

King I.A., Angst B.D., Hunt D.M., Kruger M., Arnemann J., Buxton R.S.
Hierarchical expression of desmosomal cadherins during stratified epithelial morphogenesis in the mouse, 62:83–96

Desmoglein

King I.A., Angst B.D., Hunt D.M., Kruger M., Arnemann J., Buxton R.S.
Hierarchical expression of desmosomal cadherins during stratified epithelial morphogenesis in the mouse, 62:83–96

Desmosomes

Brandner J., Reidenbach S., Franke W.W.
Evidence that "pinin", reportedly a differentiation-specific desmosomal protein, is actually a widespread nuclear protein, 62:119–127

King I.A., Angst B.D., Hunt D.M., Kruger M., Arnemann J., Buxton R.S.
Hierarchical expression of desmosomal cadherins during stratified epithelial morphogenesis in the mouse, 62:83-96

Development

Derr L.B., Chiquet-Ehrismann R., Gandour-Edwards R., Spence J., Tucker R.P.
The expression of tenascin-C with the AD1 variable repeat in embryonic tissues, cell lines and tumors in various vertebrate species, 62:71-82

Fraser S.D., Browder L.W.
Stimulation of translation and cytoplasmic polyadenylation by the *Xenopus c-myc* 3'-untranslated region, 62:51-62

King I.A., Angst B.D., Hunt D.M., Kruger M., Arnemann J., Buxton R.S.
Hierarchical expression of desmosomal cadherins during stratified epithelial morphogenesis in the mouse, 62:83-96

Li C., Gudas L.J.
Sequences 5' of the basement membrane laminin β 1 chain gene (*LAMB1*) direct the expression of β -galactosidase during development of the mouse testis and ovary, 62:129-137

Steiner P., Strehl R., Kloth S., Tauc M., Minuth W.W.
In vitro development and preservation of specific features of collecting duct epithelial cells from embryonic rabbit kidney are regulated by the electrolyte environment, 62:193-202

Dictyostelium

Anjard C., van Bemmelen M., Véron M., Reymond C.D.
A new spore differentiation factor (SDF) secreted by *Dictyostelium* cells is phosphorylated by the cAMP dependent protein kinase, 62:43-49

Electrolytes

Steiner P., Strehl R., Kloth S., Tauc M., Minuth W.W.
In vitro development and preservation of specific features of collecting duct epithelial cells from embryonic rabbit kidney are regulated by the electrolyte environment, 62:193-202

Embryogenesis

Essner J.J., Breuer J.J., Essner R.D., Fahrenkrug S.C., Hackett P.B.Jr.
The zebrafish thyroid hormone receptor α 1 is expressed during early embryogenesis and can function in transcriptional repression, 62:107-117

Fraser S.D., Browder L.W.
Stimulation of translation and cytoplasmic polyadenylation by the *Xenopus c-myc* 3'-untranslated region, 62:51-62

Kitraki E., Kittas C., Stylianopoulou F.
Glucocorticoid receptor gene expression during rat embryogenesis. An in situ hybridization study, 62:21-31

Wirtanen L., Huard V., Séguin C.
Molecular cloning from neurulating *Ambystoma mexicanum* embryos of the cDNA encoding an orphan nuclear receptor (aDOR1) closely related to TR2-11, 62:159-170

Embryonal stem cells

Gajović S., St-Onge L., Yokota Y., Gruss P.
Retinoic acid mediates *Pax6* expression during in vitro differentiation of embryonic stem cells, 62:187-192

Nemetz C., Hocke G.M.
Transcription factor Stat5 is an early marker of differentiation of murine embryonic stem cells, 62:213-220

Saburi S., Azuma S., Sato E., Toyoda Y., Tachi C.
Developmental fate of single embryonic stem cells microinjected into 8-cell-stage mouse embryos, 62:1-11

Embryonic gonads

Kunita R., Nakabayashi O., Kikuchi T., Mizuno S.
Predominant expression of a Z-chromosome-linked immunoglobulin superfamily gene, *ZOV3*, in steroidogenic cells of ovarian follicles and in embryonic gonads of chickens, 62:63-70

Endocrine cells

Ratineau C., Plateroto M., Dumortier J., Blanc M., Kédinger M., Chayvialle J.A., Roche C.

Intestinal-type fibroblasts selectively influence proliferation rate and peptide synthesis in the murine entero-endocrine cell line STC-1, 62:139-147

Endogenous lectin

Götz W., Kasper M., Miosge N., Hughes R.C.
Detection and distribution of the carbohydrate binding protein galectin-3 in human notochord, intervertebral disc and chordoma, 62:149-157

Epithelial-mesenchymal interactions

Boutin E.L., Cunha G.R.
Estrogen-induced epithelial proliferation and cornification are uncoupled in sinus vaginal epithelium associated with uterine stroma, 62:171-178

Ratineau C., Plateroto M., Dumortier J., Blanc M., Kédinger M., Chayvialle J.A., Roche C.
Intestinal-type fibroblasts selectively influence proliferation rate and peptide synthesis in the murine entero-endocrine cell line STC-1, 62:139-147

Tsukada S., Ichinose M., Yahagi N., Matsubara Y., Yonezawa S., Shiokawa K., Furihata C., Miki K., Fukamachi H.
Induction of precocious pepsinogen synthesis by glucocorticoids in fetal rat gastric epithelium in organ culture: Importance of mesenchyme for epithelial differentiation, 62:239-247

Epithelial morphogenesis

King I.A., Angst B.D., Hunt D.M., Kruger M., Arnemann J., Buxton R.S.
Hierarchical expression of desmosomal cadherins during stratified epithelial morphogenesis in the mouse, 62:83-96

Tsukada S., Ichinose M., Yahagi N., Matsubara Y., Yonezawa S., Shiokawa K., Furihata C., Miki K., Fukamachi H.
Induction of precocious pepsinogen synthesis by glucocorticoids in fetal rat gastric epithelium in organ culture: Importance of mesenchyme for epithelial differentiation, 62:239-247

Epstein-Barr virus

Kataoka H., Tahara H., Watanabe T., Sugawara M., Ide T., Goto M., Furuichi Y., Sugimoto M.
Immortalization of immunologically committed Epstein-Barr virus-transformed human B-lymphoblastoid cell lines accompanied by a strong telomerase activity, 62:203-211

Estrogen-induced proliferation

Boutin E.L., Cunha G.R.
Estrogen-induced epithelial proliferation and cornification are uncoupled in sinus vaginal epithelium associated with uterine stroma, 62:171-178

Estrogen-producing cells

Kunita R., Nakabayashi O., Kikuchi T., Mizuno S.
Predominant expression of a Z-chromosome-linked immunoglobulin superfamily gene, *ZOV3*, in steroidogenic cells of ovarian follicles and in embryonic gonads of chickens, 62:63-70

Estrogen receptors

Boutin E.L., Cunha G.R.

Estrogen-induced epithelial proliferation and cornification are uncoupled in sinus vaginal epithelium associated with uterine stroma, 62:171-178

Extracellular matrix

Derr L.B., Chiquet-Ehrismann R., Gandour-Edwards R., Spence J., Tucker R.P.

The expression of tenascin-C with the AD1 variable repeat in embryonic tissues, cell lines and tumors in various vertebrate species, 62:71-82

Li C., Gudas L.J.

Sequences 5' of the basement membrane laminin $\beta 1$ chain gene (*LAMB1*) direct the expression of β -galactosidase during development of the mouse testis and ovary, 62:129-137

Fgf-3

Donjacour A.A., Thomsom A.A., Cunha G.R.

Enlargement of the ampullary gland and seminal vesicle, but not the prostate in *int-2/Fgf-3* transgenic mice, 62:227-237

Focal adhesion kinase

Nakagawa K., Sogo S., Hioko K., Tokunaga R., Taketani S.

Acquisition of cell adhesion and induction of focal adhesion kinase of human colon cancer Colo 201 cells by retinoic acid-induced differentiation, 62:249-257

Galectin-3

Götz W., Kasper M., Miosge N., Hughes R.C.

Detection and distribution of the carbohydrate binding protein galectin-3 in human notochord, intervertebral disc and chordoma, 62:149-157

Gene expression

Fraser S.D., Browder L.W.

Stimulation of translation and cytoplasmic polyadenylation by the *Xenopus c-myc1* 3'-untranslated region, 62:51-62

Gajović S., St-Onge L., Yokota Y., Gruss P.

Retinoic acid mediates *Pax6* expression during in vitro differentiation of embryonic stem cells, 62:187-192

King I.A., Angst B.D., Hunt D.M., Kruger M., Arnemann J., Buxton R.S.

Hierarchical expression of desmosomal cadherins during stratified epithelial morphogenesis in the mouse, 62:83-96

Kunita R., Nakabayashi O., Kikuchi T., Mizuno S.

Predominant expression of a Z-chromosome-linked immunoglobulin superfamily gene, *ZOV3*, in steroidogenic cells of ovarian follicles and in embryonic gonads of chickens, 62:63-70

Li C., Gudas L.J.

Sequences 5' of the basement membrane laminin $\beta 1$ chain gene (*LAMB1*) direct the expression of β -galactosidase during development of the mouse testis and ovary, 62:129-137

Wakeman J.A., Heath P.R., Pearson R.C., Andrews P.W.

MAL mRNA is induced during the differentiation of human embryonal carcinoma cells into neurons and is also localised within specific regions of the human brain, 62:97-105

Gene transcription

Stelnicki E.J., Kömüves L.G., Holmes D., Clavin W., Harrison M.R., Adzick N.S., Largman C.,

The human homeobox genes *MSX-1*, *MSX-2*, and *MOX-1* are differentially expressed in the dermis and epidermis in fetal and adult skin, 62:33-41

Germ line

Saburi S., Azuma S., Sato E., Toyoda Y., Tachi C.

Developmental fate of single embryonic stem cells microinjected into 8-cell-stage mouse embryos, 62:1-11

Glucocorticoid receptor

Kitraki E., Kittas C., Stylianopoulou F.

Glucocorticoid receptor gene expression during rat embryogenesis. An in situ hybridization study, 62:21-31

Glucocorticoids

Tsukada S., Ichinose M., Yahagi N., Matsubara Y., Yonezawa S., Shiokawa K., Furihata C., Miki K., Fukamachi H.

Induction of precocious pepsinogen synthesis by glucocorticoids in fetal rat gastric epithelium in organ culture: Importance of mesenchyme for epithelial differentiation, 62:239-247

Gonads

Li C., Gudas L.J.

Sequences 5' of the basement membrane laminin $\beta 1$ chain gene (*LAMB1*) direct the expression of β -galactosidase during development of the mouse testis and ovary, 62:129-137

Gradient perfusion culture

Steiner P., Strehl R., Kloth S., Tauc M., Minuth W.W.

In vitro development and preservation of specific features of collecting duct epithelial cells from embryonic rabbit kidney are regulated by the electrolyte environment, 62:193-202

H3.3 histone

Bramlage B., Kosciessa U., Doenecke D.

Differential expression of the murine histone genes *H3.3A* and *H3.3B*, 62:13-20

Histone genes

Bramlage B., Kosciessa U., Doenecke D.

Differential expression of the murine histone genes *H3.3A* and *H3.3B*, 62:13-20

Homeobox

Stelnicki E.J., Kömüves L.G., Holmes D., Clavin W., Harrison M.R., Adzick N.S., Largman C.,

The human homeobox genes *MSX-1*, *MSX-2*, and *MOX-1* are differentially expressed in the dermis and epidermis in fetal and adult skin, 62:33-41

Hormones

Boutin E.L., Cunha G.R.

Estrogen-induced epithelial proliferation and cornification are uncoupled in sinus vaginal epithelium associated with uterine stroma, 62:171-178

Ratneau C., Plateroto M., Dumortier J., Blanc M., Kédinger M., Chayvialle J.A., Roche C.

Intestinal-type fibroblasts selectively influence proliferation rate and peptide synthesis in the murine entero-endocrine cell line STC-1, 62:139-147

Immortalization

Kataoka H., Tahara H., Watanabe T., Sugawara M., Ide T., Goto M., Furuichi Y., Sugimoto M.

Immortalization of immunologically committed Epstein-Barr virus-transformed human B-lymphoblastoid cell lines accompanied by a strong telomerase activity, 62:203-211

Immunoglobulins

Kataoka H., Tahara H., Watanabe T., Sugawara M., Ide T., Goto M., Furuichi Y., Sugimoto M.
Immortalization of immunologically committed Epstein-Barr virus-transformed human B-lymphoblastoid cell lines accompanied by a strong telomerase activity, 62:203–211

Immunoglobulin superfamily proteins

Kunita R., Nakabayashi O., Kikuchi T., Mizuno S.
Predominant expression of a Z-chromosome-linked immunoglobulin superfamily gene, *ZOV3*, in steroidogenic cells of ovarian follicles and in embryonic gonads of chickens, 62:63–70

Intestine

Ratineau C., Plateroto M., Dumortier J., Blanc M., Kédinger M., Chayvialle J.A., Roche C.
Intestinal-type fibroblasts selectively influence proliferation rate and peptide synthesis in the murine entero-endocrine cell line STC-1, 62:139–147

Invertebral disc

Götz W., Kasper M., Miosge N., Hughes R.C.
Detection and distribution of the carbohydrate binding protein galectin-3 in human notochord, invertebral disc and chordoma, 62:149–157

Kidney

Steiner P., Strehl R., Kloth S., Tauc M., Minuth W.W.
In vitro development and preservation of specific features of collecting duct epithelial cells from embryonic rabbit kidney are regulated by the electrolyte environment, 62:193–202

Kinases

Anjard C., van Bemmelen M., Véron M., Reymond C.D.
A new spore differentiation factor (SDF) secreted by *Dictyostelium* cells is phosphorylated by the cAMP dependent protein kinase, 62:43–49

LIF

Nemetz C., Hocke G.M.
Transcription factor Stat5 is an early marker of differentiation of murine embryonic stem cells, 62:213–220

Mammary gland epithelium

Zeps N., Bentel J.M., Papadimitriou J.M., D'Antuono M.F., Dawkins H.J.S.
Estrogen receptor-negative epithelial cells in mouse mammary gland development and growth, 62:221–226

Maternal RNA

Wirtanen L., Huard V., Séguin C.
Molecular cloning from neurotating *Ambystoma mexicanum* embryos of the cDNA encoding an orphan nuclear receptor (aDOR1) closely related to TR2-11, 62:159–170

Fraser S.D., Browder L.W.
Stimulation of translation and cytoplasmic polyadenylation by the *Xenopus* c-myc1 3'-untranslated region, 62:51–62

Morphogens

Anjard C., van Bemmelen M., Véron M., Reymond C.D.
A new spore differentiation factor (SDF) secreted by *Dictyostelium* cells is phosphorylated by the cAMP dependent protein kinase, 62:43–49

Motor innervation

Soukup T., Thornell L.-E.
Expression of myosin heavy chain isoforms in regenerated muscle spindle fibres after muscle grafting in young and adult rats - plasticity of intrafusal satellite cells, 62:179–186

Mouse

Boutin E.L., Cunha G.R.
Estrogen-induced epithelial proliferation and cornification are uncoupled in sinus vaginal epithelium associated with uterine stroma, 62:171–178

Bramlage B., Kosciessa U., Doenecke D.
Differential expression of the murine histone genes *H3.3A* and *H3.3B*, 62:13–20

Donjacour A.A., Thomsom A.A., Cunha G.R.
Enlargement of the ampullary gland and seminal vesicle, but not the prostate in *int-2/Fgf-3* transgenic mice, 62:227–237

King I.A., Angst B.D., Hunt D.M., Kruger M., Arnemann J., Buxton R.S.
Hierarchical expression of desmosomal cadherins during stratified epithelial morphogenesis in the mouse, 62:83–96

Li C., Gudas L.J.
Sequences 5' of the basement membrane laminin $\beta 1$ chain gene (*LAMB1*) direct the expression of β -galactosidase during development of the mouse testis and ovary, 62:129–137

Nemetz C., Hocke G.M.
Transcription factor Stat5 is an early marker of differentiation of murine embryonic stem cells, 62:213–220

Ratineau C., Plateroto M., Dumortier J., Blanc M., Kédinger M., Chayvialle J.A., Roche C.
Intestinal-type fibroblasts selectively influence proliferation rate and peptide synthesis in the murine entero-endocrine cell line STC-1, 62:139–147

Saburi S., Azuma S., Sato E., Toyoda Y., Tachi C.
Developmental fate of single embryonic stem cells microinjected into 8-cell-stage mouse embryos, 62:1–11

Zeps N., Bentel J.M., Papadimitriou J.M., D'Antuono M.F., Dawkins H.J.S.
Estrogen receptor-negative epithelial cells in mouse mammary gland development and growth, 62:221–226

Muscle fibre types

Soukup T., Thornell L.-E.
Expression of myosin heavy chain isoforms in regenerated muscle spindle fibres after muscle grafting in young and adult rats - plasticity of intrafusal satellite cells, 62:179–186

Muscle spindles

Soukup T., Thornell L.-E.
Expression of myosin heavy chain isoforms in regenerated muscle spindle fibres after muscle grafting in young and adult rats - plasticity of intrafusal satellite cells, 62:179–186

Muscle transplantation

Soukup T., Thornell L.-E.
Expression of myosin heavy chain isoforms in regenerated muscle spindle fibres after muscle grafting in young and adult rats - plasticity of intrafusal satellite cells, 62:179–186

Myosin HC expression

Soukup T., Thornell L.-E.
Expression of myosin heavy chain isoforms in regenerated muscle spindle fibres after muscle grafting in young and adult rats - plasticity of intrafusal satellite cells, 62:179–186

Neural differentiation

Gajović S., St-Onge L., Yokota Y., Gruss P.
Retinoic acid mediates *Pax6* expression during in vitro differentiation of embryonic stem cells, 62:187–192

Wakeman J.A., Heath P.R., Pearson R.C., Andrews P.W.
MAL mRNA is induced during the differentiation of human embryonal carcinoma cells into neurons and is also localised within specific regions of the human brain, 62:97–105

Neurons

Wakeman J.A., Heath P.R., Pearson R.C., Andrews P.W.
MAL mRNA is induced during the differentiation of human embryonal carcinoma cells into neurons and is also localised within specific regions of the human brain, 62:97–105

Neurulation

Wirtanen L., Huard V., Séguin C.
Molecular cloning from neurulating *Ambystoma mexicanum* embryos of the cDNA encoding an orphan nuclear receptor (aDOR1) closely related to TR2-11, 62:159–170

Notochord

Götz W., Kasper M., Miosge N., Hughes R.C.
Detection and distribution of the carbohydrate binding protein galectin-3 in human notochord, intervertebral disc and chordoma, 62:149–157

Nuclear proteins

Brandner J., Reidenbach S., Franke W.W.
Evidence that "pinin", reportedly a differentiation-specific desmosomal protein, is actually a widespread nuclear protein, 62:119–127

Oestrogen receptor

Zeps N., Bentel J.M., Papadimitriou J.M., D'Antuono M.F., Dawkins H.J.S.
Estrogen receptor-negative epithelial cells in mouse mammary gland development and growth, 62:221–226

Oogenesis

Li C., Gudas L.J.
Sequences 5' of the basement membrane laminin $\beta 1$ chain gene (*LAMB1*) direct the expression of β -galactosidase during development of the mouse testis and ovary, 62:129–137

Organ culture

Tsukada S., Ichinose M., Yahagi N., Matsubara Y., Yonezawa S., Shiokawa K., Furihata C., Miki K., Fukamachi H.
Induction of precocious pepsinogen synthesis by glucocorticoids in fetal rat gastric epithelium in organ culture: Importance of mesenchyme for epithelial differentiation, 62:239–247

Ovarian follicle

Kunita R., Nakabayashi O., Kikuchi T., Mizuno S.
Predominant expression of a Z-chromosome-linked immunoglobulin superfamily gene, *ZOV3*, in steroidogenic cells of ovarian follicles and in embryonic gonads of chickens, 62:63–70

Pachytene spermatocytes

Bramlage B., Kosciessa U., Doenecke D.
Differential expression of the murine histone genes *H3.3A* and *H3.3B*, 62:13–20

Pax6

Gajović S., St-Onge L., Yokota Y., Gruss P.
Retinoic acid mediates *Pax6* expression during in vitro differentiation of embryonic stem cells, 62:187–192

Pepsinogen

Tsukada S., Ichinose M., Yahagi N., Matsubara Y., Yonezawa S., Shiokawa K., Furihata C., Miki K., Fukamachi H.
Induction of precocious pepsinogen synthesis by glucocorticoids in fetal rat gastric epithelium in organ culture: Importance of mesenchyme for epithelial differentiation, 62:239–247

Proliferation

Zeps N., Bentel J.M., Papadimitriou J.M., D'Antuono M.F., Dawkins H.J.S.
Estrogen receptor-negative epithelial cells in mouse mammary gland development and growth, 62:221–226

Prostate

Donjacour A.A., Thomsom A.A., Cunha G.R.
Enlargement of the ampullary gland and seminal vesicle, but not the prostate in *int-2/Fgf-3* transgenic mice, 62:227–237

Rabbit

Steiner P., Strehl R., Kloth S., Tauc M., Minuth W.W.
In vitro development and preservation of specific features of collecting duct epithelial cells from embryonic rabbit kidney are regulated by the electrolyte environment, 62:193–202

Rat

Kitraki E., Kittas C., Stylianopoulou F.
Glucocorticoid receptor gene expression during rat embryogenesis. An in situ hybridization study, 62:21–31

Soukup T., Thornell L.-E.
Expression of myosin heavy chain isoforms in regenerated muscle spindle fibres after muscle grafting in young and adult rats – plasticity of intrafusal satellite cells, 62:179–186

Tsukada S., Ichinose M., Yahagi N., Matsubara Y., Yonezawa S., Shiokawa K., Furihata C., Miki K., Fukamachi H.
Induction of precocious pepsinogen synthesis by glucocorticoids in fetal rat gastric epithelium in organ culture: Importance of mesenchyme for epithelial differentiation, 62:239–247

Regeneration of muscle

Soukup T., Thornell L.-E.
Expression of myosin heavy chain isoforms in regenerated muscle spindle fibres after muscle grafting in young and adult rats – plasticity of intrafusal satellite cells, 62:179–186

Replacement histones

Bramlage B., Kosciessa U., Doenecke D.
Differential expression of the murine histone genes *H3.3A* and *H3.3B*, 62:13–20

Retinoic acid

Essner J.J., Breuer J.J., Essner R.D., Fahrenkrug S.C., Hackett P.B.Jr.
The zebrafish thyroid hormone receptor $\alpha 1$ is expressed during early embryogenesis and can function in transcriptional repression, 62:107–117

Gajović S., St-Onge L., Yokota Y., Gruss P.
Retinoic acid mediates *Pax6* expression during in vitro differentiation of embryonic stem cells, 62:187–192

Nakagawa K., Sogo S., Hioko K., Tokunaga R., Taketani S.
Acquisition of cell adhesion and induction of focal adhesion kinase of human colon cancer Colo 201 cells by retinoic acid-induced differentiation, 62:249–257

Wirtanen L., Huard V., Séguin C.
Molecular cloning from neurulating *Ambystoma mexicanum* embryos of the cDNA encoding an orphan nuclear receptor (aDOR1) closely related to TR2-11, 62:159–170

Wakeman J.A., Heath P.R., Pearson R.C., Andrews P.W.
MAL mRNA is induced during the differentiation of human embryonal carcinoma cells into neurons and is also localised within specific regions of the human brain, 62:97–105

Ribonucleoproteins

Brandner J., Reidenbach S., Franke W.W.
Evidence that "pinin", reportedly a differentiation-specific desmosomal protein, is actually a widespread nuclear protein, 62:119-127

RNA stability

Fraser S.D., Browder L.W.
Stimulation of translation and cytoplasmic polyadenylation by the *Xenopus c-myc* 3'-untranslated region, 62:51-62

Satellite cell plasticity

Soukup T., Thornell L.-E.
Expression of myosin heavy chain isoforms in regenerated muscle spindle fibres after muscle grafting in young and adult rats - plasticity of intrafusal satellite cells, 62:179-186

Seminal vesicle

Donjacour A.A., Thomsom A.A., Cunha G.R.
Enlargement of the ampullary gland and seminal vesicle, but not the prostate in *int-2/Fgf-3* transgenic mice, 62:227-237

Skin

Stelnicki E.J., Kömüves L.G., Holmes D., Clavin W., Harrison M.R., Adzick N.S., Largman C.,
The human homeobox genes *MSX-1*, *MSX-2*, and *MOX-1* are differentially expressed in the dermis and epidermis in fetal and adult skin, 62:33-41

"Speckles"

Brandner J., Reidenbach S., Franke W.W.
Evidence that "pinin", reportedly a differentiation-specific desmosomal protein, is actually a widespread nuclear protein, 62:119-127

Spermatogenesis

Bramlage B., Kosciessa U., Doenecke D.
Differential expression of the murine histone genes *H3.3A* and *H3.3B*, 62:13-20
Li C., Gudas L.J.
Sequences 5' of the basement membrane laminin $\beta 1$ chain gene (*LAMB1*) direct the expression of β -galactosidase during development of the mouse testis and ovary, 62:129-137

Splice variants

Derr L.B., Chiquet-Ehrismann R., Gandour-Edwards R., Spence J., Tucker R.P.
The expression of tenascin-C with the AD1 variable repeat in embryonic tissues, cell lines and tumors in various vertebrate species, 62:71-82

Splicing

Brandner J., Reidenbach S., Franke W.W.
Evidence that "pinin", reportedly a differentiation-specific desmosomal protein, is actually a widespread nuclear protein, 62:119-127

Stat factors

Nemetz C., Hocke G.M.
Transcription factor Stat5 is an early marker of differentiation of murine embryonic stem cells, 62:213-220

Stomach

Tsukada S., Ichinose M., Yahagi N., Matsubara Y., Yonezawa S., Shiokawa K., Furihata C., Miki K., Fukamachi H.
Induction of precocious pepsinogen synthesis by glucocorticoids in fetal rat gastric epithelium in organ culture: Importance of mesenchyme for epithelial differentiation, 62:239-247

Subepithelial fibroblasts

Ratineau C., Plateroto M., Dumortier J., Blanc M., Kédinger M., Chayvialle J.A., Roche C.
Intestinal-type fibroblasts selectively influence proliferation rate and peptide synthesis in the murine entero-endocrine cell line STC-1, 62:139-147

Telomerase

Kataoka H., Tahara H., Watanabe T., Sugawara M., Ide T., Goto M., Furuichi Y., Sugimoto M.
Immortalization of immunologically committed Epstein-Barr virus-transformed human B-lymphoblastoid cell lines accompanied by a strong telomerase activity, 62:203-211

Tenascin-C

Derr L.B., Chiquet-Ehrismann R., Gandour-Edwards R., Spence J., Tucker R.P.
The expression of tenascin-C with the AD1 variable repeat in embryonic tissues, cell lines and tumors in various vertebrate species, 62:71-82

Teratocarcinoma cells

Wakeman J.A., Heath P.R., Pearson R.C., Andrews P.W.
MAL mRNA is induced during the differentiation of human embryonal carcinoma cells into neurons and is also localised within specific regions of the human brain, 62:97-105

Thyroid hormone receptor

Essner J.J., Breuer J.J., Essner R.D., Fahrenkrug S.C., Hackett P.B.Jr.
The zebrafish thyroid hormone receptor $\alpha 1$ is expressed during early embryogenesis and can function in transcriptional repression, 62:107-117

Transcriptional repression

Essner J.J., Breuer J.J., Essner R.D., Fahrenkrug S.C., Hackett P.B.Jr.
The zebrafish thyroid hormone receptor $\alpha 1$ is expressed during early embryogenesis and can function in transcriptional repression, 62:107-117

Transgenic mice

Donjacour A.A., Thomsom A.A., Cunha G.R.
Enlargement of the ampullary gland and seminal vesicle, but not the prostate in *int-2/Fgf-3* transgenic mice

Translation

Fraser S.D., Browder L.W.
Stimulation of translation and cytoplasmic polyadenylation by the *Xenopus c-myc* 3'-untranslated region, 62:51-62

Uterus

Boutin E.L., Cunha G.R.
Estrogen-induced epithelial proliferation and cornification are uncoupled in sinus vaginal epithelium associated with uterine stroma, 62:171-178

Vaginal cornification

Boutin E.L., Cunha G.R.
Estrogen-induced epithelial proliferation and cornification are uncoupled in sinus vaginal epithelium associated with uterine stroma, 62:171-178

Vitamin A

Li C., Gudas L.J.
Sequences 5' of the basement membrane laminin $\beta 1$ chain gene (*LAMB1*) direct the expression of β -galactosidase during development of the mouse testis and ovary, 62:129-137

Wound healing

Stelnicki E.J., Kömüves L.G., Holmes D., Clavin W., Harrison M.R., Adzick N.S., Largman C.,
The human homeobox genes *MSX-1*, *MSX-2*, and *MOX-1* are differentially expressed in the dermis and epidermis in fetal and adult skin, 62:33–41

Xenopus

Fraser S.D., Browder L.W.
Stimulation of translation and cytoplasmic polyadenylation by the *Xenopus c-myc* 3'-untranslated region, 62:51–62

Z chromosome

Kunita R., Nakabayashi O., Kikuchi T., Mizuno S.
Predominant expression of a Z-chromosome-linked immunoglobulin superfamily gene, *ZOV3*, in steroidogenic cells of ovarian follicles and in embryonic gonads of chickens, 62:63–70

Zebrafish

Essner J.J., Breueir J.J., Essner R.D., Fahrenkrug S.C., Hackett P.B.Jr.
The zebrafish thyroid hormone receptor $\alpha 1$ is expressed during early embryogenesis and can function in transcriptional repression, 62:107–117